

Jagroop Singh

6395908551 • Regina, SK • sjagroop212@gmail.com

OBJECTIVE

Seeking an opportunity in areas of software development in growth oriented organization that utilizes my present skills and helps me develop new ones

EDUCATION

Undergraduate Diploma in Computer Science (GPA 8.4/10)

2020 - 2022

University of Regina, SK

PROJECTS

Library Manager using Python: A python app to manage Books, Users and transactions in a sqlite database with a user interface built with tkinter.

Grocery management web application: A grocery inventory record keeping system using web(HTML, Javascript, PHP) dynamically updated with AJAX and a mySQL database. [live github](#)

Fruityfy REST APIs: Developed REST APIs using python's Fast API framework, load JSON data and deployed on Uvicorn.

Bank Account Manager: Developed an advanced record keeping system in C++.

Personal portfolio: Space themed interactive website using vue.js, node.js and three.js | [live github](#)

Tic tac toe game: Game with ASCII based GUI which could run in three modes - player vs player, computer vs computer and player vs computer using object oriented programming.

Cat Facts: A fun website to get random cat facts using requests, JSON and REST API

Github Repositories

- *Python-server:* Demonstrating the use of sockets to connect a client and a server in python. [github](#)
- *Mapit:* Script in python to automate searching of anything on google maps. [github](#)
- *Usb speed tester:* Python script to test the speed of usb devices and peripherals. [github](#)

EXPERIENCE

University of Regina, Hill and Levene Schools of Business

Regina, SK

Training & Online Course Assistant

Aug. 2021 - Aug. 2022

- Provide Learning management system (LMS) support and technical solutions to the instructors for URcourses, proctortrack and testing various types of software used by the university
- Work one-on-one with staff to introduce them to a broad range of computer applications, hardware and instructional tools related to curriculum delivery and research or solve problems encountered
- Deployed LMS in computer labs and performed functional testing for the upgraded softwares
- Guide course instructors in the effective use of audio, video, graphic, multimedia and online resources within courses to improve learning and engage diverse learning needs

- Responsible for solving serious violations of URSU elections, investigating and documentation of any complaints or appeals brought forward to the Elections Committee
- Confer with all parties involved to clarify issues, identify concerns, provide feedback & develop an understanding of all sides
- Carefully analyzing the situation and collaborating with the team of the Elections Committee for a fair decision.

SKILLS

Development Experience

- **Programming Languages** : C/C++, Java, Python, PHP, SQL, Javascript, HTML, CSS, Prolog
- **Frameworks**: Node.js, React js, Vue.js, Fast APIs
- **Operating Systems** : Linux, Windows 10, MacIntosh OS, Hercules(Unix server),
- **Others** : Terminal, bash, REST API, Firebase, http, sockets, networking, git, github, vs code
- **Novice**: Docker, gRPC, RUST

Soft Skills

- Excellent written & oral communication skills and active listening skills
- Ability to analyze and solve problems under a strict time frame using the resources available
- Ability to maintain confidentiality and impartiality within the workplace.
- Possesses excellent organizational, time management and customer service skills
- Ability to work calmly under pressure

ACTIVITIES AND AREAS OF INTEREST

Activities

- Chess, Learning languages, Football, Biking, Gaming.

Areas of Interest

- Competitive Programming, Rust, Go
- I want to pursue Undergraduate Degree in Computer Science in Future